an actuator device that is coupled to the display and configured to move the display in synchrony with a duty cycle of the display and based on the translation vector such that the display is moved:

in a first direction such that movement of the display opposes the movement of the electronic device while activated pixels of the display are illuminated; and

in a second direction, opposite the first direction, while the activated pixels are not illuminated.

13. The electronic device of claim **12**, wherein the display is coupled to a housing of the electronic device via a damped surface.

14. The electronic device of claim **12**, wherein the display is a stereoscopic image display comprising a left display for presenting a left-eye viewpoint and a right display for presenting a right-eye viewpoint, and wherein the actuator device comprises a first actuator and a second actuator that independently move the left display and the right display, respectively, based on the translation vector.

15. The electronic device of claim **12**, wherein the processor is further configured to synchronize the duty cycle of the display with the movement of the display to increase a likelihood that the display emits light when the display is linearly accelerating.

16. The electronic device of claim **13**, wherein the electronic device is a head mounted device.

17. An electronic device comprising:

a sensor configured to detect movement of the electronic device;

a processor configured to determine a translation vector based on the movement of the electronic device, the translation vector defining a displacement of the electronic device in a ground reference frame between a first time and a second time subsequent to the first time; and

an actuator device that is coupled to the display and configured to move the display in synchrony with a duty cycle of the display and based on the translation vector such that the display is moved:

in a first direction such that movement of the display opposes the movement of the electronic device while activated pixels of the display are illuminated; and

in a second direction, opposite the first direction, while the activated pixels are not illuminated.

18. The electronic device of claim **17**, wherein a time period defined by the first time and the second time corresponds to a frame rate of content for presentation on the display.

19. The electronic device of claim **17**, wherein the actuator is a linear actuator configured to impart a unidirectional motive force along one axis, wherein the motive force is an oscillatory motive force having an amplitude element corresponding to a velocity associated with the movement of the electronic device and an orientation element that relates to a direction associated with the movement of the electronic device.

20. The electronic device of claim **17**, wherein the actuator is a two-dimensional stage actuator configured to impart a bidirectional motive force along two orthogonal axes, wherein the motive force is an oscillatory motive force having an amplitude element corresponding to a velocity associated with the movement of the electronic device and an orientation element that relates to a direction associated with the movement of the electronic device.

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